

Mehmet Emin Duru

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,314
citations

236925

25
h-index

233421

45
g-index

85
all docs

85
docs citations

85
times ranked

2727
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and antimicrobial activities of <i>Laetiporus sulphureus</i> (Bull.) Murrill. <i>Food Chemistry</i> , 2007, 101, 267-273.	8.2	317
2	Antioxidant activity of stem and root extracts of Rhubarb (<i>Rheum ribes</i>): An edible medicinal plant. <i>Food Chemistry</i> , 2007, 103, 623-630.	8.2	176
3	In vitro antioxidant, anticholinesterase and antimicrobial activity studies on three <i>Agaricus</i> species with fatty acid compositions and iron contents: A comparative study on the three most edible mushrooms. <i>Food and Chemical Toxicology</i> , 2011, 49, 1353-1360.	3.6	167
4	Isolation and characterization of antioxidant phenolic compounds from the aerial parts of <i>Hypericum hyssopifolium</i> L. by activity-guided fractionation. <i>Journal of Ethnopharmacology</i> , 2003, 87, 73-83.	4.1	155
5	Antioxidant, anticholinesterase and antimicrobial constituents from the essential oil and ethanol extract of <i>Salvia potentillifolia</i> . <i>Food Chemistry</i> , 2009, 116, 470-479.	8.2	147
6	The constituents of essential oil and in vitro antimicrobial activity of <i>Micromeria cilicica</i> from Turkey. <i>Journal of Ethnopharmacology</i> , 2004, 94, 43-48.	4.1	84
7	Identification and quantification of phenolic acid compounds of twenty-six mushrooms by HPLC-DAD. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1690-1698.	3.2	56
8	Antioxidant and Cholinesterase Inhibition Activities of Three <i>Tricholoma</i> Species with Total Phenolic and Flavonoid Contents: The Edible Mushrooms from Anatolia. <i>Food Analytical Methods</i> , 2012, 5, 495-504.	2.6	51
9	Phenolic profile, antioxidant, anticholinesterase, and anti-tyrosinase activities of the various extracts of <i>Ferula elaeochytris</i> and <i>Sideritis stricta</i> . <i>International Journal of Food Properties</i> , 2018, 21, 771-783.	3.0	51
10	A new rapid spectrophotometric method to determine the rosmarinic acid level in plant extracts. <i>Food Chemistry</i> , 2010, 123, 1352-1356.	8.2	49
11	Chemical composition of the essential oil and hexane extract of <i>Salvia chionantha</i> and their antioxidant and anticholinesterase activities. <i>Food and Chemical Toxicology</i> , 2010, 48, 3189-3193.	3.6	40
12	Isolation, Characterization, and Medicinal Potential of Polysaccharides of <i>Morchella esculenta</i> . <i>Molecules</i> , 2021, 26, 1459.	3.8	39
13	Antibiofilm, anti-quorum sensing and antioxidant activity of secondary metabolites from seeds of <i>Annona senegalensis</i> , Persoon. <i>Microbial Pathogenesis</i> , 2020, 144, 104191.	2.9	36
14	Phytochemical investigation, antioxidant and anticholinesterase activities of <i>Ganoderma adspersum</i> . <i>Industrial Crops and Products</i> , 2015, 76, 749-754.	5.2	35
15	Antioxidant, anticholinesterase and antibacterial activities of <i>Stachys guyoniana</i> and <i>Mentha aquatica</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 324-329.	2.9	34
16	HPLC-DAD phenolic profiles, antibiofilm, anti-quorum sensing and enzyme inhibitory potentials of <i>Camellia sinensis</i> (L.) O. Kuntze and <i>Curcuma longa</i> L.. <i>LWT - Food Science and Technology</i> , 2020, 133, 110150.	5.2	34
17	Antioxidant and anticholinesterase activities of five wild mushroom species with total bioactive contents. <i>Pharmaceutical Biology</i> , 2015, 53, 824-830.	2.9	30
18	Biologically active flavonoids from <i>Dodonaea viscosa</i> and their structure-activity relationships. <i>Industrial Crops and Products</i> , 2015, 78, 66-72.	5.2	30

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19	Inhibitory activities of medicinal mushrooms on α -amylase and α -glucosidase-enzymes related to type 2 diabetes. South African Journal of Botany, 2021, 137, 19-23.	2.5	30
20	Chemical composition, antimicrobial and antioxidant activities of <i>Centaurea ensiformis</i> Hub.-Mor. (<i>Asteraceae</i>), a species endemic to Mugla (Turkey). Natural Product Research, 2009, 23, 149-167.	1.8	29
21	Compounds from <i>Sedum caeruleum</i> with antioxidant, anticholinesterase, and antibacterial activities. Pharmaceutical Biology, 2016, 54, 174-179.	2.9	29
22	Phenolic Composition, Enzyme Inhibitory and Anti-quorum Sensing Activities of Cinnamon (<i>Cinnamomum zeylanicum</i> Blume) and Basil (<i>Ocimum basilicum</i> Linn). Chemistry Africa, 2021, 4, 759-767.	2.4	29
23	Composition of the volatile oils isolated from the leaves of <i>Liquidambar orientalis</i> Mill. var. <i>orientalis</i> and <i>L. orientalis</i> var. <i>integriloba</i> from Turkey. Flavour and Fragrance Journal, 2002, 17, 95-98.	2.6	27
24	Chemical composition, antioxidant, anticholinesterase, antimicrobial and antibiofilm activities of essential oil and methanolic extract of <i>Anthemis stiparum</i> subsp. <i>sabulicola</i> (Pomel) Oberpr. Microbial Pathogenesis, 2018, 119, 233-240.	2.9	26
25	Synthese and characterization of boronic acid functionalized macroporous uniform poly(4-chloromethylstyrene-co-divinylbenzene) particles and its use in the isolation of antioxidant compounds from plant extracts. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 909, 51-60.	2.3	25
26	Application of GC, GC-MSD, ICP-MS and Spectrophotometric Methods for the Determination of Chemical Composition and In Vitro Bioactivities of <i>Chroogomphus rutilus</i> : The Edible Mushroom Species. Food Analytical Methods, 2014, 7, 449-458.	2.6	25
27	Mushrooms. Studies in Natural Products Chemistry, 2015, , 363-456.	1.8	24
28	Chemical Profile, In Vitro Enzyme Inhibitory, and Antioxidant Properties of <i>Stereum</i> Species (<i>Agaricomycetes</i>) from Turkey. International Journal of Medicinal Mushrooms, 2019, 21, 1075-1087.	1.5	24
29	Antibiofilm and Enzyme Inhibitory Potentials of Two Annonaceous Food Spices, African Pepper (<i>Xylopia</i>) Tj ETQq1 1,0,784314, 1,44, 4.3	4.3	24
30	Chemical composition effects onto antimicrobial and antioxidant activities of propolis collected from different regions of Turkey. Annals of Microbiology, 2006, 56, 373-378.	2.6	23
31	Structural characterization and determination of biological activities for different polysaccharides extracted from tree mushroom species. Journal of Food Biochemistry, 2019, 43, e12965.	2.9	23
32	Minerals and metals in mushroom species in Anatolia. Food Additives and Contaminants: Part B Surveillance, 2014, 7, 226-231.	2.8	21
33	Phytochemicals from <i>Dodonaea viscosa</i> and their antioxidant and anticholinesterase activities with structure-activity relationships. Pharmaceutical Biology, 2016, 54, 1649-1655.	2.9	21
34	Antioxidant and antimicrobial properties of ethanolic extract from <i>Lepista nuda</i> (Bull.) Cooke. Annals of Microbiology, 2006, 56, 339-344.	2.6	20
35	Phytochemical contents, antioxidant effects, and inhibitory activities of key enzymes associated with Alzheimer's disease, ulcer, and skin disorders of <i>Sideritis albiflora</i> and <i>Sideritis leptoclada</i> . Journal of Food Biochemistry, 2019, 43, e13078.	2.9	20
36	Characterization of volatile compounds of Turkish pine honeys from different regions and classification with chemometric studies. European Food Research and Technology, 2021, 247, 2533-2544.	3.3	17

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37	Chemical constituents of essential oil of endemic <i>Rhanterium suaveolens</i> Desf. growing in Algerian Sahara with antibiofilm, antioxidant and anticholinesterase activities. <i>Natural Product Research</i> , 2016, 30, 2120-2124.	1.8	16
38	Isolation, characterization, and bioactivities of compounds from <i>Fuscoporia torulosa</i> mushroom. <i>Journal of Food Biochemistry</i> , 2019, 43, e13074.	2.9	15
39	Isolation, structural characterization, and biological activities of galactomannans from <i>Rhizopogon luteolus</i> and <i>Ganoderma adspersum</i> mushrooms. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2395-2403.	7.5	15
40	Chemical constituents of <i>Porodaedalea pini</i> mushroom with cytotoxic, antioxidant and anticholinesterase activities. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2686-2695.	3.2	14
41	HPLC-DAD phytochemical profiles of <i>Thymus cariensis</i> and <i>T. cilicicus</i> with antioxidant, cytotoxic, anticholinesterase, anti-urease, anti-tyrosinase, and antidiabetic activities. <i>South African Journal of Botany</i> , 2021, 143, 155-163.	2.5	14
42	Phenolic composition, antioxidant and enzyme inhibitory activities of <i>Parkia biglobosa</i> (Jacq.) Benth., <i>Tithonia diversifolia</i> (Hemsl) A. Gray, and <i>Crossopteryx febrifuga</i> (Afzel.) Benth. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103675.	4.9	14
43	Fatty acid profile of four <i>Ganoderma</i> species collected from various host trees with chemometric approach. <i>Biochemical Systematics and Ecology</i> , 2018, 78, 91-97.	1.3	13
44	Ultrasound-Assisted Extraction of <i>Syringa vulgaris</i> Mill., <i>Citrus sinensis</i> L. and <i>Hypericum perforatum</i> L.: Phenolic Composition, Enzyme Inhibition and Anti-quorum Sensing Activities. <i>Chemistry Africa</i> , 0, , 1.	2.4	13
45	Chemical composition, antioxidant, anticholinesterase and anti-urease activities of <i>Sideritis pisdica</i> Boiss. Hedr. endemic to Turkey. <i>Marmara Pharmaceutical Journal</i> , 2017, 21, 898-905.	0.5	12
46	Chemical composition and insecticidal activities of the essential oils and various extracts of two <i>Thymus</i> species: <i>Thymus cariensis</i> and <i>Thymus cilicicus</i> . <i>Toxin Reviews</i> , 2021, 40, 1461-1471.	3.4	11
47	Chemical Composition, Antioxidant, Anticholinesterase and Anti-Tyrosinase Activities of Essential Oils of Two Species from Turkey. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 903-913.	0.5	11
48	Chemometric Approaches for the Characterization of the Fatty Acid Composition of Seventeen Mushroom Species. <i>Analytical Letters</i> , 2020, 53, 2784-2798.	1.8	10
49	A comprehensive study on phenolic compounds and bioactive properties of five mushroom species via chemometric approach. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15695.	2.0	10
50	Chemometrics Evaluation of Phytochemicals and Antioxidant Activities of the Extracts of <i>Chaerophyllum bulbosum</i> Roots and Aerial Parts. <i>Analytical Letters</i> , 2022, 55, 327-342.	1.8	10
51	Evaluation of Enzyme Inhibition and Anti-Quorum Sensing Potentials of <i>Melaleuca alternifolia</i> and <i>Citrus sinensis</i> Essential Oils. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110445.	0.5	10
52	GC-MS Analysis of the Antioxidant Active Fractions of <i>Micromeria juliana</i> with Anticholinesterase Activity. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	9
53	Fatty Acid Profiles in Wild Mushroom Species from Anatolia. <i>Chemistry of Natural Compounds</i> , 2017, 53, 351-353.	0.8	9
54	Skin wound healing properties of <i>Hypericum perforatum</i> , <i>Liquidambar orientalis</i> , and propolis mixtures. <i>European Journal of Plastic Surgery</i> , 2019, 42, 489-494.	0.6	9

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55	Effect of <i>Sideritis leptoclada</i> against HT-144 human malignant melanoma. <i>Melanoma Research</i> , 2018, 28, 502-509.	1.2	8
56	Investigation of Antioxidant and Anticholinesterase Potential of Essential Oil and Methanolic Extract of Propolis from Mila Region. <i>Journal of Biologically Active Products From Nature</i> , 2019, 9, 434-444.	0.3	8
57	A detailed study on multifaceted bioactivities of the extracts and isolated compounds from truffle <i>Reddellomyces parvulosporus</i> . <i>International Journal of Food Science and Technology</i> , 2022, 57, 1411-1419.	2.7	8
58	Chemical composition, antioxidant and anticholinesterase activity of the essential oil of algerian <i>cachrys sicula</i> L. <i>Natural Product Research</i> , 2022, 36, 4094-4102.	1.8	8
59	Phenolic profile, antioxidant and cholinesterase inhibitory activities of four <i>Trametes</i> species: <i>T. bicolor</i> , <i>T. pubescens</i> , <i>T. suaveolens</i> , and <i>T. versicolor</i> . <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4608-4616.	3.2	7
60	Comparative assessment of phytochemical composition, antioxidant and anticholinesterase activities of two Basidiomycota Truffle Fungi from Turkey. <i>Marmara Pharmaceutical Journal</i> , 2018, 22, 59-65.	0.5	7
61	The Effect of Temperature on the Essential Oil Components of <i>Salvia potentillifolia</i> Obtained by Various Methods. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	6
62	Adequate iodine levels in healthy pregnant women. A cross-sectional survey of dietary intake in Turkey. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2016, 37, 698-702.	1.1	6
63	Phenolic Acid Profile of Six Wild Mushroom Species by HPLC-DAD. <i>Chemistry of Natural Compounds</i> , 2018, 54, 985-986.	0.8	6
64	HPLC-DAD characterization of phenolic profile and in vitro antioxidant, anticholinesterase, and antidiabetic activities of five mushroom species from Turkey. <i>3 Biotech</i> , 2021, 11, 273.	2.2	6
65	A new fatty acid ester from an edible mushroom <i>Rhizopogon luteolus</i> . <i>Natural Product Research</i> , 2016, 30, 2258-2264.	1.8	5
66	Essential Oil Composition, Antioxidant, Anticholinesterase and Anti-tyrosinase Activities of Two Turkish Plant Species: <i>Ferula elaeochytris</i> and <i>Sideritis stricta</i> . <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	5
67	HPLC-DAD profiling and antioxidant activity of the <i>n</i> -butanol extract from aerial parts of Algerian <i>Crithmum maritimum</i> L. <i>Acta Scientifica Naturalis</i> , 2019, 6, 8-16.	0.1	5
68	Characterization of Aromatic Volatile Compounds of Eight Wild Mushrooms by Headspace GC-MSD. <i>Chemistry of Natural Compounds</i> , 2017, 53, 383-385.	0.8	4
69	Cytotoxic Activities of Methanol Extract and Compounds of <i>Porodaedalea pini</i> Against Colorectal Cancer. <i>International Journal of Secondary Metabolite</i> , 2021, 8, 40-48.	1.3	4
70	Insight into isolation and characterization of compounds of <i>Chaerophyllum bulbosum</i> aerial part with antioxidant, anticholinesterase, anti-urease, anti-tyrosinase, and anti-diabetic activities. <i>Food Bioscience</i> , 2021, 42, 101201.	4.4	4
71	Chemical analysis and in vitro antioxidant and anticholinesterase activities of essential oils and extracts from different parts of <i>Erica manipuliflora</i> . <i>Sanat Tasarim Dergisi</i> , 2019, 23, 1098-1105.	0.4	4
72	Investigation of Physicochemical Properties of Some Monofloral Honeys in South Western Anatolia. <i>International Journal of Secondary Metabolite</i> , 2019, 6, 251-262.	1.3	4

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73	Chemical characterization and antioxidant activity of <i>Eryngium pseudothoriifolium</i> and <i>E. thoriifolium</i> essential oils. <i>Sanat Tasarım Dergisi</i> , 2019, 23, 1106-1114.	0.4	4
74	Bioactive Natural Products. <i>Journal of Chemistry</i> , 2013, 2013, 1-1.	1.9	3
75	An Investigation of The Biological Activity of Monofloral Honey Produced in South-Western Anatolia. <i>International Journal of Secondary Metabolite</i> , 2021, 8, 300-311.	1.3	3
76	Investigation of Chemical Composition, Antioxidant, Anticholinesterase and Anti-urease activities of <i>Euphorbia helioscopia</i> . <i>International Journal of Secondary Metabolite</i> , 2018, 5, 259-269.	1.3	3
77	Volatile compound profile and essential oil composition of three wild Algerian aromatic plants with their antioxidant and antibiofilm activities. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 987-999.	3.2	3
78	Āřam BalĀ± Āœretiminde Basra BĀřceĀĀyi (<i>Marchalina hellenica</i> Genn.) ile KonukĀřu AĀřařlarĀ±n Kimyasal Ā°řeriĀĀyi ArasĀ±ndaki Ā°liĀĀkiler Āœzerine Bir Ā°nceleme. <i>BartĀ±n Orman FakĀ¼ltesi Dergisi</i> , 2021, 23, 1-1.	0.3	3
79	Chemical constituents and their bioactivities from truffle <i>Hysterangium inflatum</i> . <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4181-4189.	3.2	2
80	Anticholinesterase activities from aqueous extract of different plant parts of <i>Erica manipuliflora</i> . <i>International Journal of Secondary Metabolite</i> , 0, , 372-375.	1.3	2
81	Evaluation of phenolic profile, antioxidant and anticholinesterase effects of <i>Fuscoporia torulosa</i> . <i>International Journal of Secondary Metabolite</i> , 2019, 6, 79-89.	1.3	2
82	Isolation and characterization of chemical constituents from <i>Chaerophyllum bulbosum</i> roots and their enzyme inhibitory and antioxidant effects. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2021, .	1.4	1
83	<i>Lavandula angustifolia</i> ve <i>L. intermedia</i> TĀ¼rlerinin Hasat SonrasĀ± Kuruma SĀ¼relerinin UĀřucu YaĀřlarĀ±nĀ±n Kimyasal BileĀĀenleri Āœzerindeki Etkileri. <i>European Journal of Science and Technology</i> , 0, , .	0.5	0
84	Anti-Colorectal Cancer Effects of Medicinal Plants: <i>Euphorbia helioscopia</i> , <i>Ferula elaeochytris</i> , and <i>Sideritis albiflora</i> . <i>Commagene Journal of Biology</i> , 0, , 73-77.	0.2	0
85	Composition of Essential Oils in Needles and Barks of Turkish Red Pine (<i>Pinus brutia</i> Ten.) Infested by <i>Marchalina hellenica</i> Genn.. <i>Drvna Industrija</i> , 2022, 73, 125-138.	0.6	0